

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040320\
 Data File : VY002220.D
 Acq On : 03 Apr 2020 15:56
 Operator : SY/MD
 Sample : L2164-01
 Misc : 7.58G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROLL-OFF-GRAB

Quant Time: Apr 04 01:25:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	123374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	246670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	223204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	87419	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	77001	56.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.92%	
35) Dibromofluoromethane	7.73	113	72120	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.18	98	301201	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.49	95	97809	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

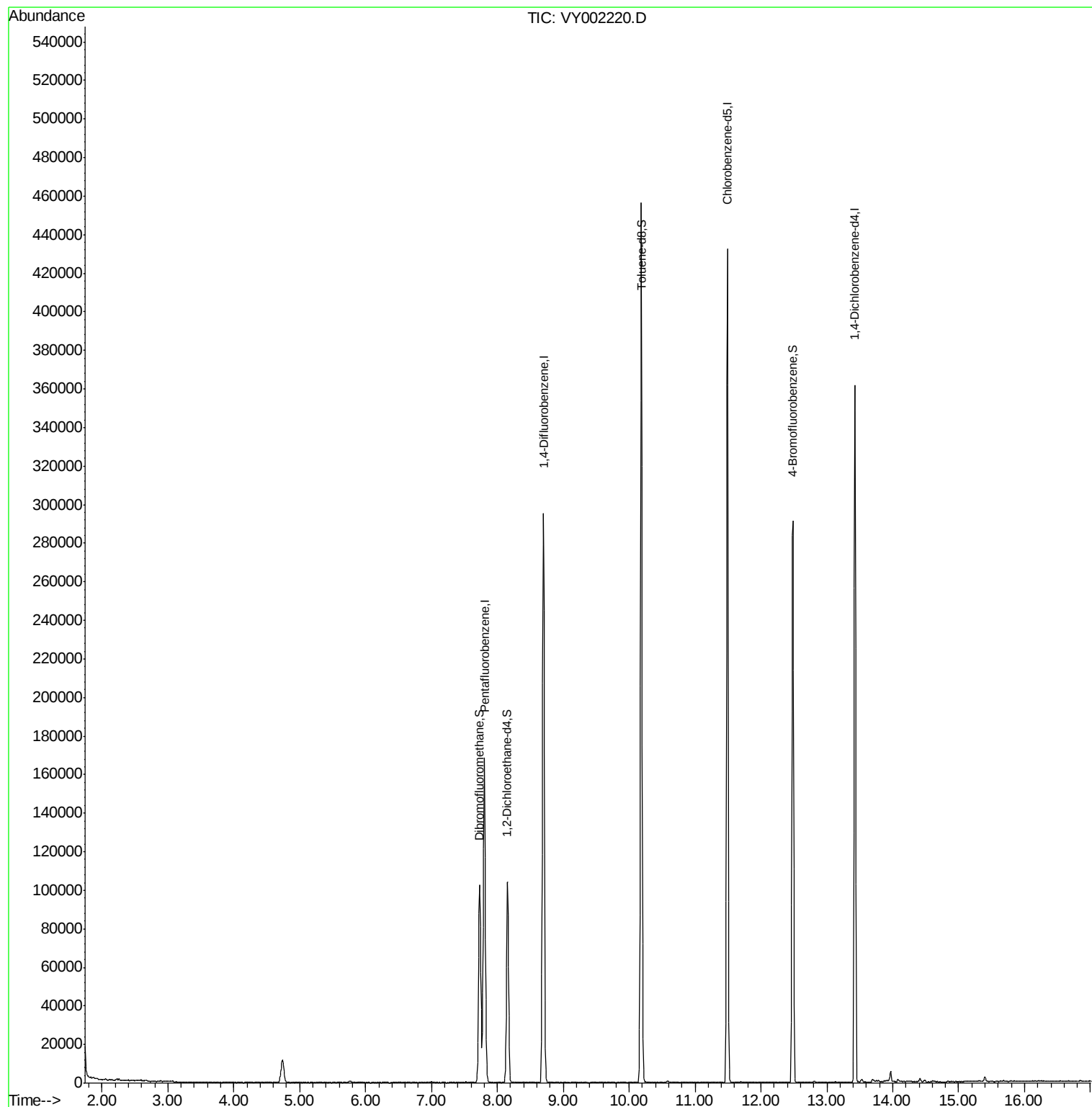
Target Compounds	Qvalue

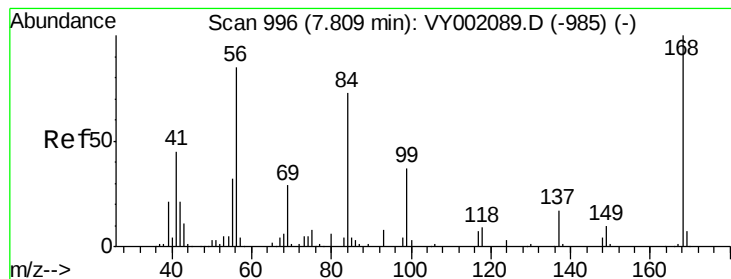
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002220.D

Acq: 03 Apr 2020 15:56

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MSVOA_Y

ClientSampleId :

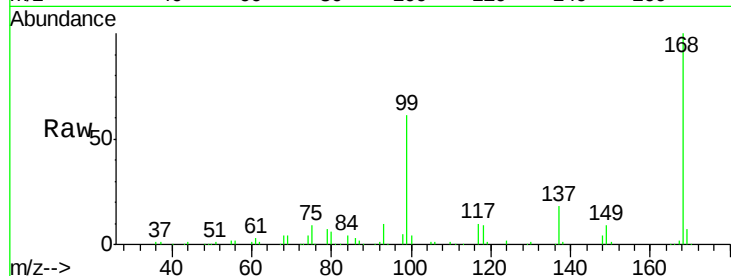
ROLL-OFF-GRAB

Tot Ion:168 Resp: 123374

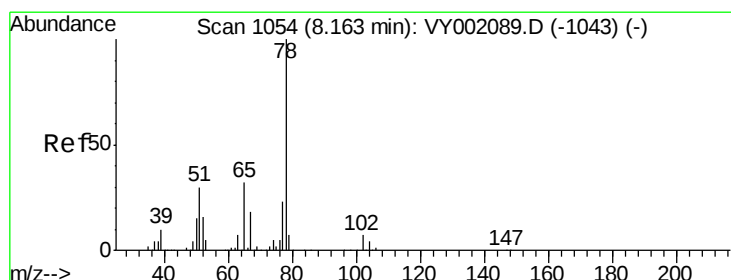
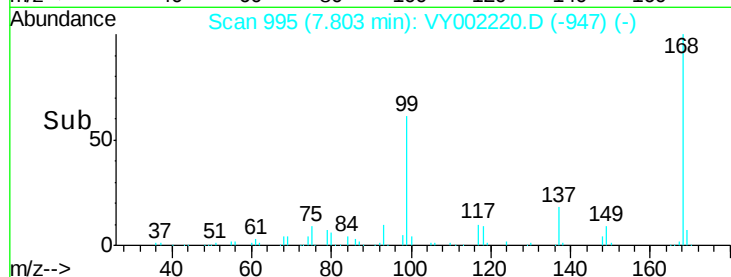
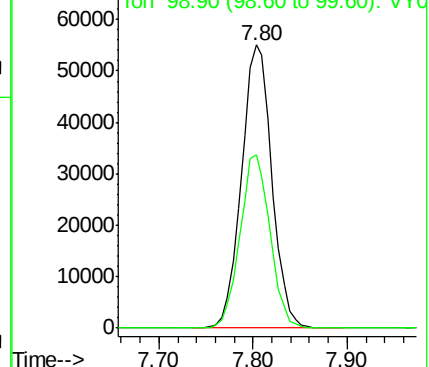
Ion Ratio Lower Upper

168 100

99 61.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002220.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.458 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002220.D

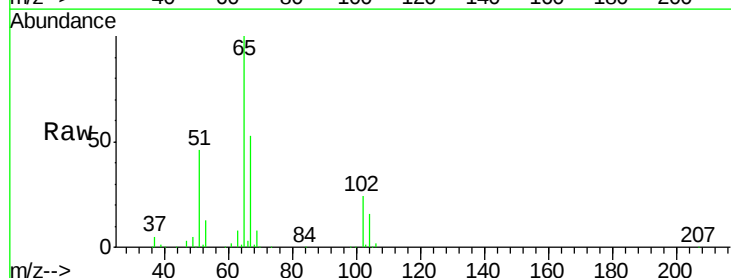
Acq: 03 Apr 2020 15:56

Tgt Ion: 65 Resp: 77001

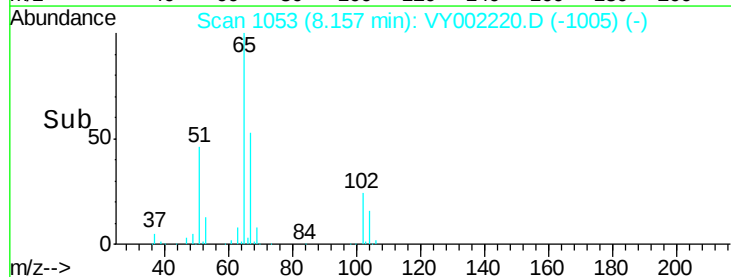
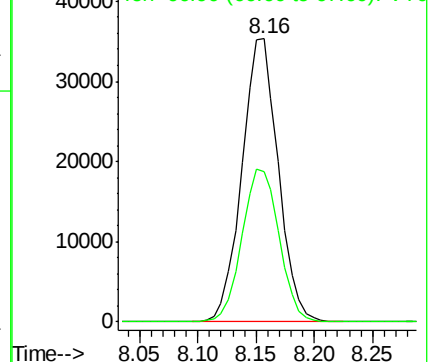
Ion Ratio Lower Upper

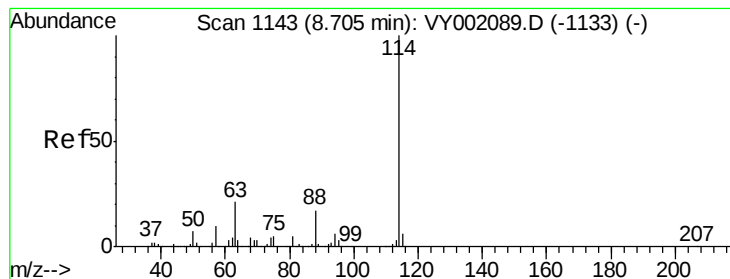
65 100

67 55.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002220.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002220.D

Acq: 03 Apr 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

ROLL-OFF-GRAB

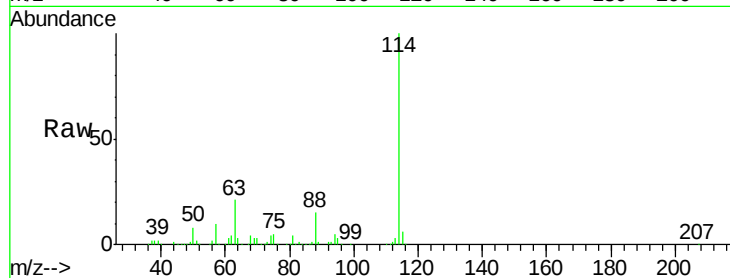
Tot Ion:114 Resp: 246670

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

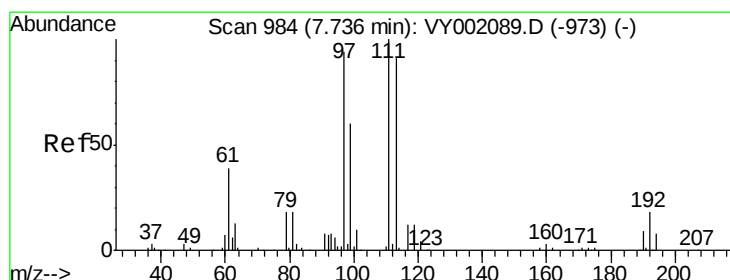
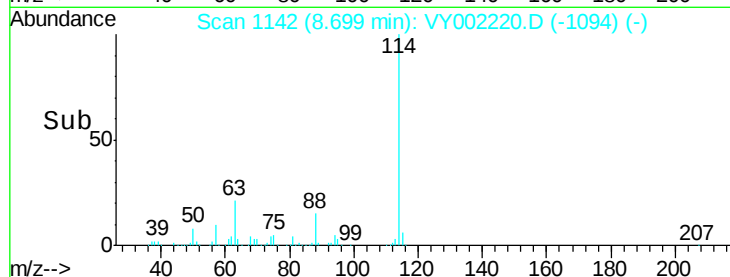
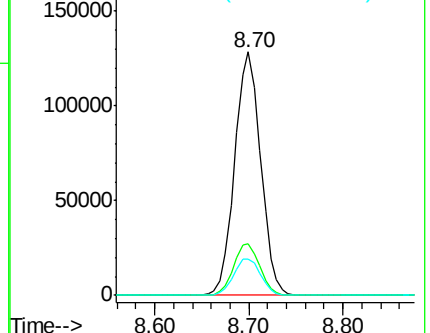
88 14.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 52.180 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002220.D

Acq: 03 Apr 2020 15:56

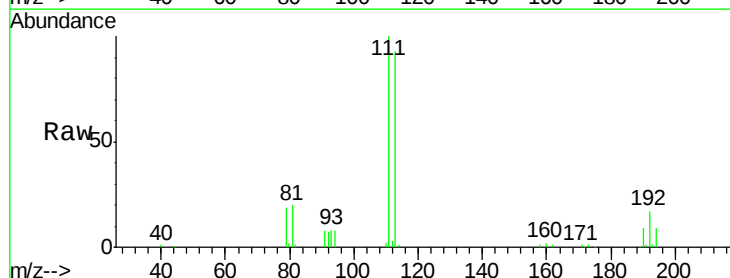
Tgt Ion:113 Resp: 72120

Ion Ratio Lower Upper

113 100

111 104.0 84.4 126.6

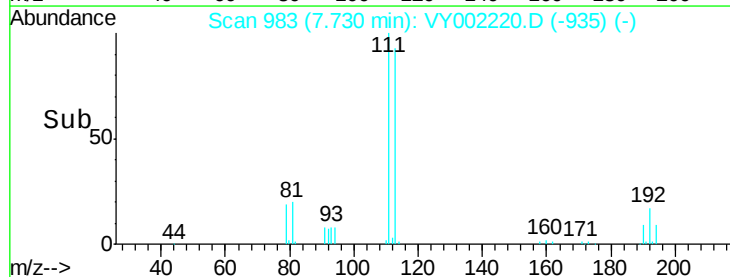
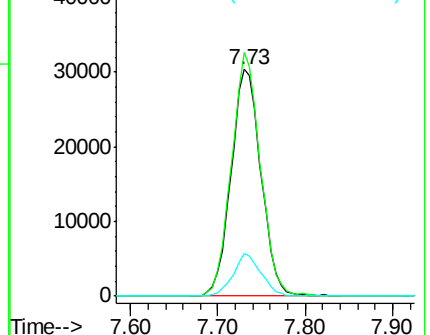
192 17.5 14.6 21.8

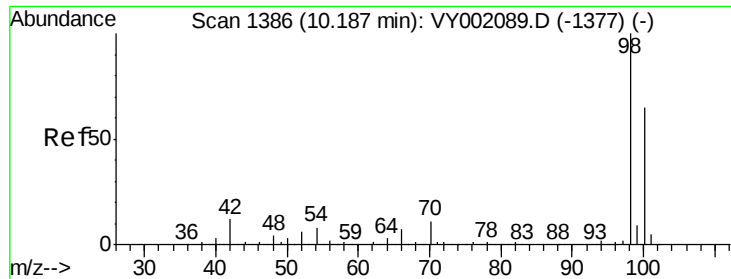


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.459 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002220.D

Acq: 03 Apr 2020 15:56

Instrument :

MSVOA_Y

ClientSampleId :

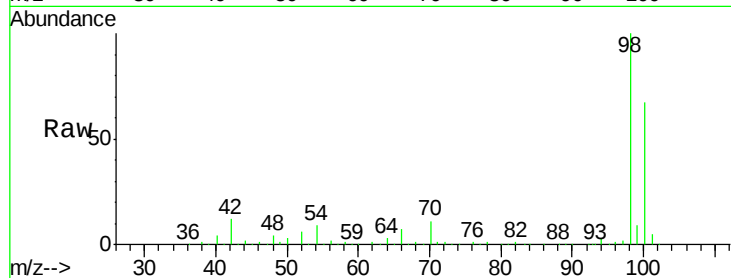
ROLL-OFF-GRAB

Tot Ion: 98 Resp: 301201

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002220.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002220.D (-1377) (-)

10.18

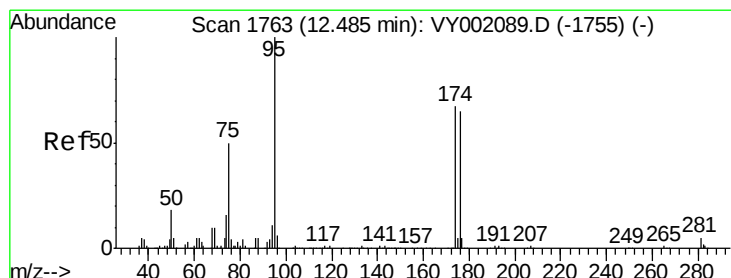
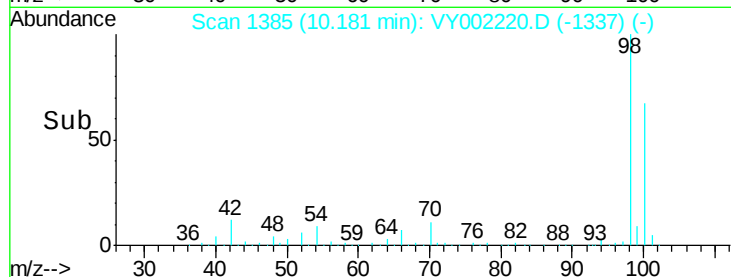
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.708 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002220.D

Acq: 03 Apr 2020 15:56

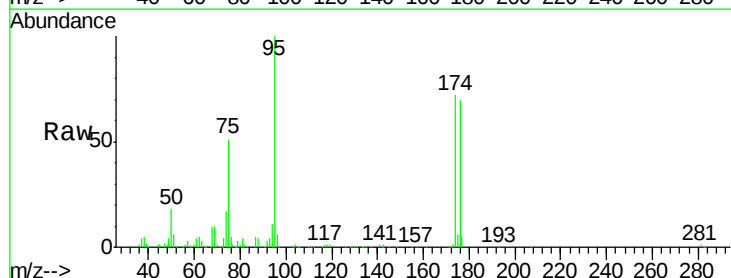
Tgt Ion: 95 Resp: 97809

Ion Ratio Lower Upper

95 100

174 71.3 0.0 143.4

176 68.6 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002220.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY002220.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002220.D (-1714) (-)

12.49

80000

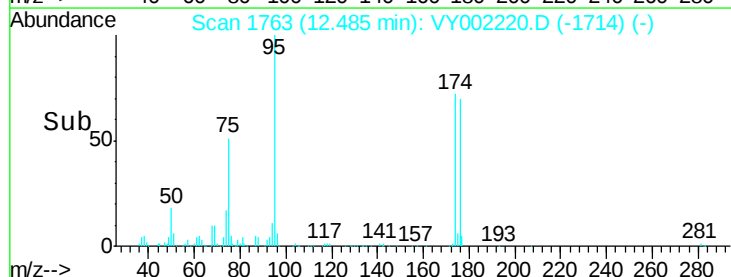
60000

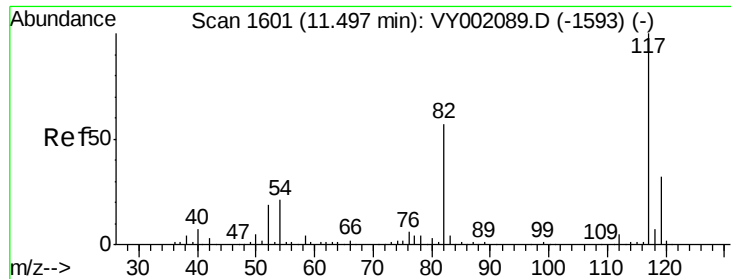
40000

20000

0

Time-->

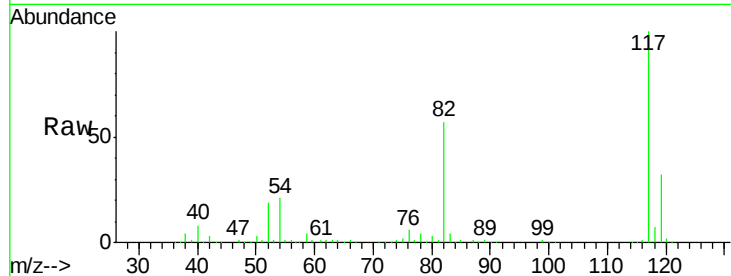




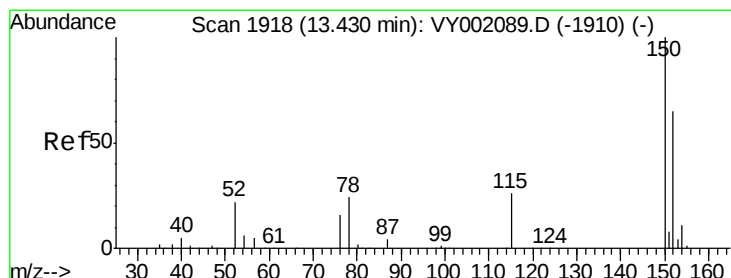
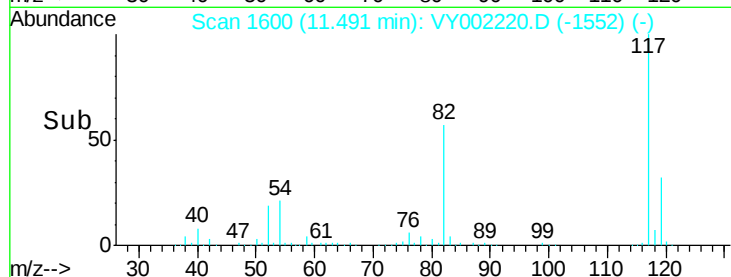
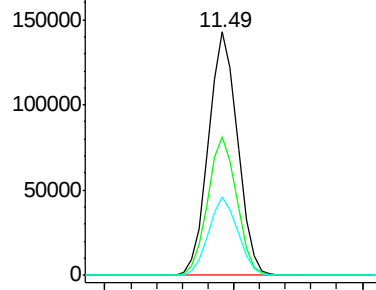
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002220.D
Acq: 03 Apr 2020 15:56

Instrument :
MSVOA_Y
ClientSampleId :
ROLL-OFF-GRAB

Tot Ion:117 Resp: 223204
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 32.1 25.3 37.9

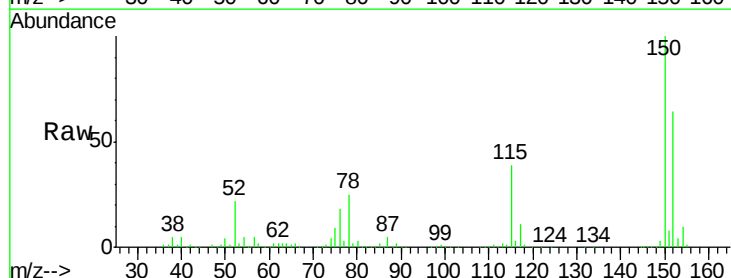


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002220.D
Acq: 03 Apr 2020 15:56

Tgt Ion:152 Resp: 87419
Ion Ratio Lower Upper
152 100
115 61.5 31.2 93.6
150 156.5 0.0 354.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

